

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

**SUBJECT:** Toxicological Review of HW04 Data (R2) 2 July 2012  
Dimock, PA

**FROM:** Dawn A. Ioven, toxicologist  
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**TO:** Rich Fetzer, OSC  
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On 24 May 2012, U.S. EPA collected a second round of samples from HW04 in Dimock. These samples were collected only from the wellhead, not the tap, because an alternate water supply is provided at this location. The samples were analyzed for 27 inorganic constituents; analytical results were validated and compared to risk-based screening levels and/or standards for public drinking water supplies. Findings in excess of these comparison concentrations are presented below.

**Chromium**

Chromium was detected in unfiltered and filtered wellhead samples at respective concentrations of 7.6 and 6.1 ug/L. The risk-based screening level for the most toxic form of chromium (hexavalent) is 3.1 ug/L. Ex. 5 - Deliberative

Ex. 5 - Deliberative Note, however, that the form of chromium detected in this sample is not known. Ex. 5 - Deliberative

**Ex. 5 - Deliberative**

A point worth mentioning is that samples collected from HW04 on 24 January 2012 (unfiltered and filtered) contained no detectable chromium.

No other constituents were detected at levels of concern in HW04.



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